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ABSTRACT

The University of Hawaii's (UH) three university and seven community college campuses are compared with benchmark and peer group institutions with regard to selected financial measures. The primary data sources for this report were the Integrated Postsecondary Education Data System (IPEDS) Finance Survey, Fiscal Year 1994-95. Tables show data on enrollment, revenues, and expenditures. Highlights include: (1) UH had a full-time equivalent (FTE) enrollment in Fall 1994 of 35,751; (2) total revenues per FTE student for the UH system in fiscal year 1994-95 were $11,804, and expenditures were $15,680; (3) total revenues per FTE student exceeded the benchmark or peer group averages for UH Manoa and UH Hilo, and expenditures at UH Manoa and Hilo were also higher; and (4) revenues per FTE student from state appropriations were much higher for the UH campuses than for their peer and benchmark averages. It is anticipated that recent tuition increases for the UH system, as well as policy changes on the distribution and control of tuition and fees revenues, may align the UH figures more closely with those of its benchmark and peer group averages in the near future. Appendices include enrollment numbers in comparison to peer and benchmark groups as well as a list of terms and definitions. (JJL)

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ED 433 072

REVENUES AND EXPENDITURES:

PEER AND BENCHMARK COMPARISONS

UNIVERSITY OF HAWAI'I

FISCAL YEAR 1994-95

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REVENUES & EXPENDITURES: PEER AND BENCHMARK COMPARISONS
UNIVERSITY OF HAWAI'I
FISCAL YEAR 1994-95

Introduction and Sources

This report presents information comparing UH campuses to benchmark and peer group institutions on selected financial measures. Included are data on enrollment, revenues and expenditures. The raw numbers have been converted to a full-time equivalent (FTE) basis to facilitate comparison between institutions with varying enrollment.

The primary data sources for this report were the Integrated Postsecondary Education Data System (IPEDS) Finance Survey, Fiscal Year 1994-95 and the IPEDS Fall Enrollment Survey, Fall 1994. The immediate source is the publication entitled Higher Education Revenues & Expenditures, Fiscal Year 1994-95 (institutional data, text and data disk) published by Research Associates of Washington. The database provided contains the financial data per FTE student already calculated. (The method used to calculate FTE used by Research Associates may differ from that used to calculate the FTE reported elsewhere.) The total revenue and total expenditure figures shown in the tables were computed as simple sums and appended to the database by the UH Institutional Research Office. Definitions of the benchmark and peer groups, as well as descriptions of the various financial measures presented in the tables, may be found in Appendix 2.

Description of the Tables

Table 1 shows data on enrollment, revenues and expenditures per FTE student for each campus in the UH system, along with benchmark and/or peer group averages. (Details of the per FTE calculations by campus for the comparison groups can be found in the Management and Planning Support *Revenues and Expenditures: Peer and Benchmark Comparisons* reports by unit). Figures establishing the range of values for each item (high and low) as well as a mean value for the UH campuses are shown at the bottom of each column. Table 2 shows the percent distribution of the data presented in Table 1. Revenue items and expenditure items for each institution sum independently to 100%.

Table 3 presents the same data as shown in Table 1, except that the UH figures include the UH systemwide revenues and expenditures, apportioned across UH units (see Appendix 2, *Systemwide Revenues & Expenditures*, for more discussion). Table 4 provides the percent distribution of the data in Table 3. Table 5 shows data for the UH campuses and their comparison groups from fiscal year 1992-93 to 1994-95 (three years). (There are no benchmark or peer groups for the UH system or for UH-West O'ahu.) The higher education institutions in the comparison groups (benchmark and/or peer) for each UH campus are listed in Appendix 1.

The tuition and fees revenues shown in the tables for the UH campuses were returned to the State of Hawai'i General Fund for fiscal year 1994-95. However, they are listed here for comparative purposes under tuition and fees instead of under appropriations.

Highlights

Enrollment

- The University of Hawai'i had FTE **enrollment** in Fall 1994 of 35,751 (Table 1). Graduate enrollment was 13% of the total, though UH Mānoa was the only campus with a high proportion of graduate enrollment (27%). UH Mānoa accounted for 45% of the total FTE enrollment, the UH Community Colleges 47%, UH Hilo 7% and UH-West O'ahu 1%. (The FTE figures reported here differ from those reported elsewhere by the UH Institutional Research Office due to differences in the calculation method.)

Revenues

- Total **revenues** per FTE student for the UH system in Fiscal Year 1994-95 were $11,804 (Table 1 & Figure 1). State appropriations accounted for 84% of total revenues for the UH system (Table 2), while tuition and fees accounted for 12%, and private grants, gifts & contracts and endowment income made up 4%.

- Total revenues per FTE student exceeded the benchmark or peer group averages for UH Mānoa and UH Hilo (Figure 1). For the UH Community College campuses the results were mixed: total revenues per FTE student for some campuses were higher, while for others lower, than their peer group averages. *The figures shown for UH Hilo may be somewhat overstated, and those for Hawai'i CC somewhat understated, due to fiscal interconnections between the two campuses.*

- Revenues per FTE student from state appropriations were much higher for the UH campuses than for their peer and benchmark averages. State appropriations per FTE student were 83% of total revenues at UH Mānoa, 87% at UH Hilo, and 85% at the UH Community Colleges. In contrast, the benchmark and peer group averages ranged from 53% to 60% for the four-year campuses and from 64% to 80% for the two-year campuses (Table 2).

- The addition of systemwide revenues to the calculations increases total revenues per FTE student for the UH system 7.3% to $12,669 (Table 3 & Figure 3). The proportion of state appropriations as a percentage of total revenues per FTE student increases very slightly, from 84% to 85% (Table 4).

- From Fiscal Year 1992-93 to Fiscal Year 1994-95, total revenues per FTE student increased 0.8% for the UH system (Table 5). Over this same period, FTE enrollment increased 5.2%. Total revenues for UH-West O'ahu increased 11.4%, UH Mānoa 2.6% and the UH Community Colleges 2.1%. Total revenues per FTE student for UH Hilo declined 10.3%. Again, fiscal interconnectedness between UH Hilo and Hawai'i CC may distort the figures somewhat. (Additional historical information for the UH campuses can be found in the *Revenue and Expenditure: Peer and Benchmark Comparisons* reports by UH unit for Fiscal Year 1994-95.)

Expenditures

- Total **expenditures** per FTE student for the UH system for Fiscal Year 1994-95 were $15,680 (Table 1). Instruction costs accounted for 42% of total expenditures, while funded research accounted for 23% and academic support 9% (Table 2).

- Total expenditures per FTE student at UH Mānoa were higher, and at UH Hilo much higher, than either the benchmark or peer group averages (Figure 5). The comparisons were mixed for the UH Community College campuses (Figure 6).

- When addition of systemwide expenditures to the calculations per FTE student increases total expenditures for the UH system by 6.4% to $16,680 (Table 3 & Figure 7). Expenditures per FTE student for institutional support rise considerably, and increase as a percentage of total revenues from 3% to 8% (Table 4).

- From Fiscal Year 1992-93 to fiscal year 1994-95, total expenditures per FTE student for the UH system increased 2.6% (Table 5 & Figure 10). Expenditures for UH-West O'ahu increased 7.1%, UH Mānoa 5.0% and the UH Community Colleges 1.0%. Total expenditures per FTE student at UH Hilo declined 3.6%. (Additional historical information for the UH campuses can be found in the *Revenue and Expenditure: Peer and Benchmark Comparisons* reports by UH unit for Fiscal Year 1994-95.)

Summary

FTE enrollment for the UH system increased 5.2% from fiscal year 1992-93 to fiscal year 1994-95. Over the same period, total revenues per FTE were flat while total expenditures per FTE student rose by 2.6%. Results varied by UH unit, but in general revenues and expenditures increased more slowly than did FTE enrollment. For the peer and benchmark group averages, however, the situation was the opposite: FTE enrollment declined, while revenues and expenditures per FTE student increased substantially (Table 5).

For fiscal year 1994-95, total revenues and expenditures per FTE student across UH units were generally higher than the benchmark or peer group averages. UH campuses received more state appropriations per FTE student and less tuition and fees revenues than did their comparison groups on average. *Recent tuition increases for the UH system, as well as policy changes on the distribution and control of tuition and fees revenues, may align the UH figures more closely to those of its benchmark and peer group averages in the near future.*

For fiscal year 1994-95, UH campuses in devoted a greater proportion of total expenditures per FTE student to instruction and public service than did their corresponding comparison groups (Table 2). UH campuses devoted considerably less resources to library and student aid.

University of Hawai'i
Benchmark and Peer Group Comparisons
Fiscal Year 1994-95

Figure 1
Total Revenues per FTE Student

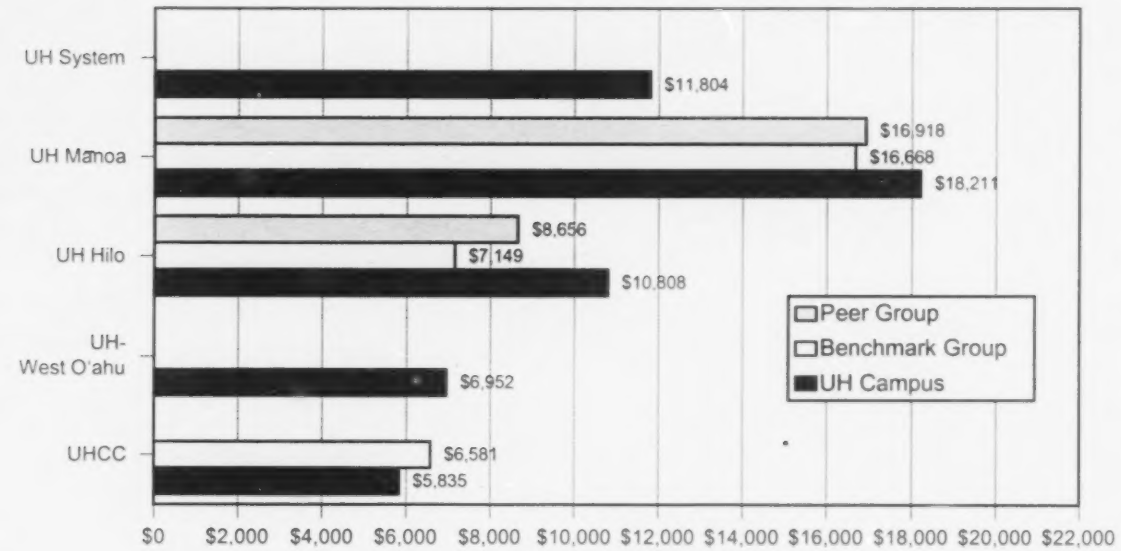
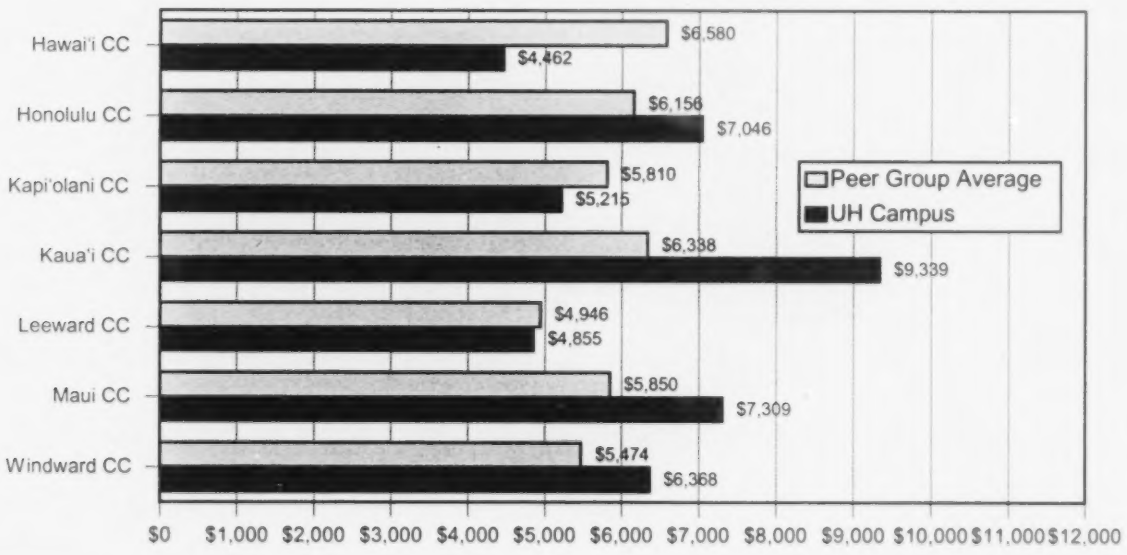


Figure 2
Total Revenues per FTE Student



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University of Hawai'i
Benchmark and Peer Group Comparisons
Fiscal Year 1994-95

Figure 3
Total Revenues per FTE Student
(Including Systemwide Revenues)

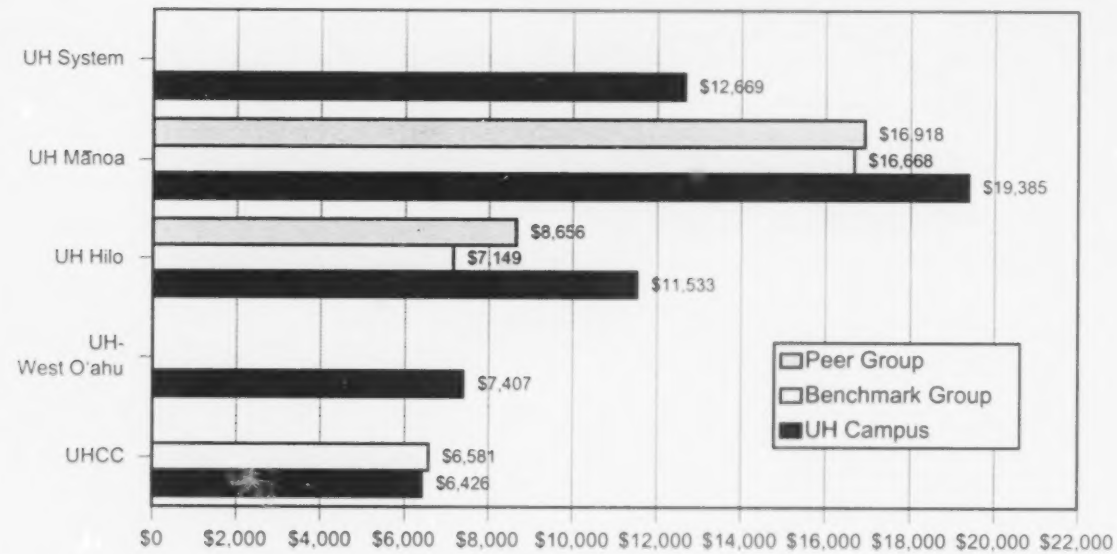
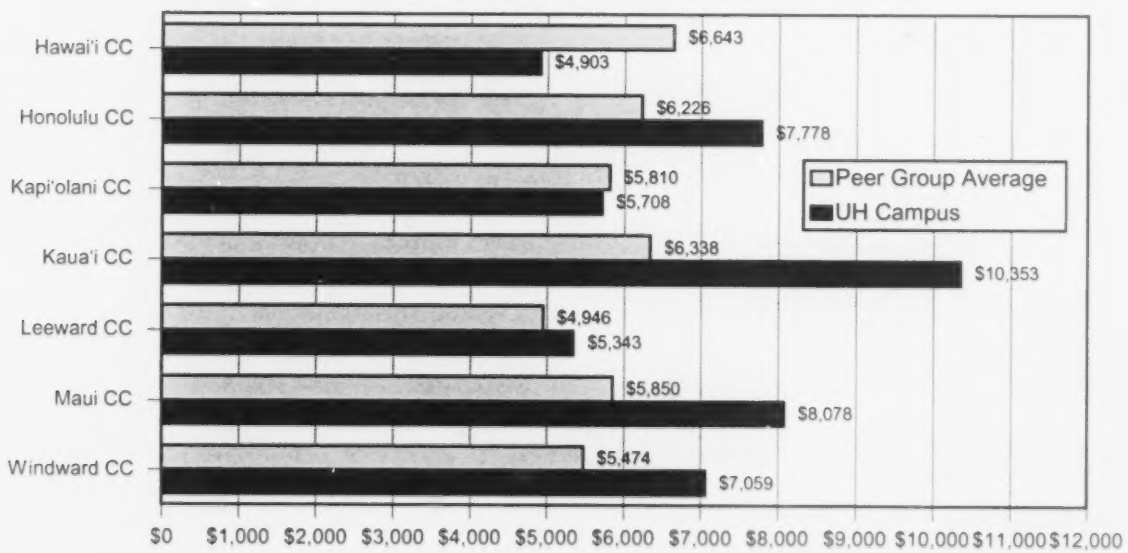


Figure 4
Total Revenues per FTE Student
(Including Systemwide Revenues)



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University of Hawai'i
Benchmark and Peer Group Comparisons
Fiscal Year 1994-95

Figure 5
Total Expenditures per FTE Student

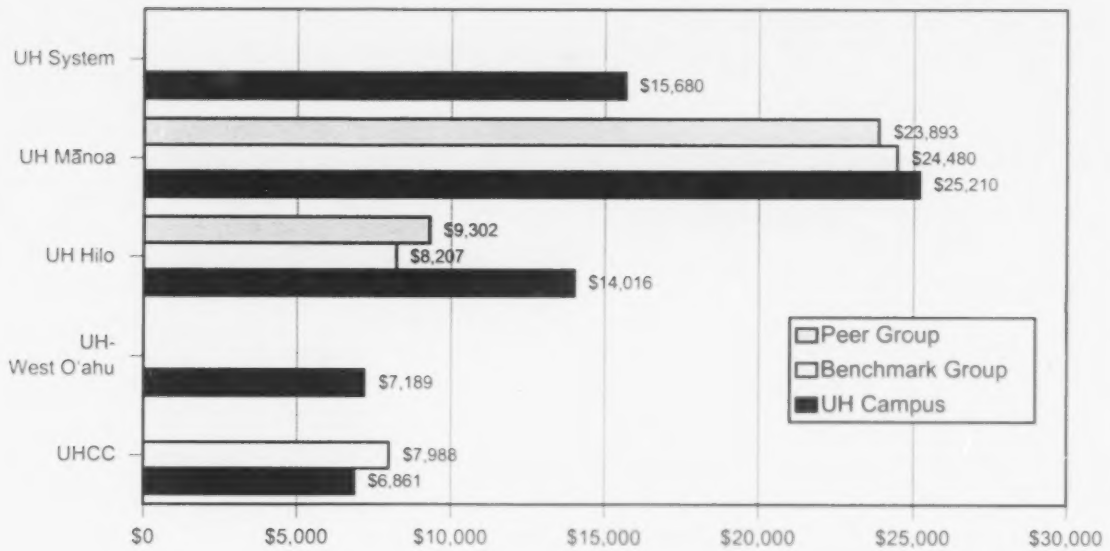

Figure 6
Total Expenditures per FTE Student

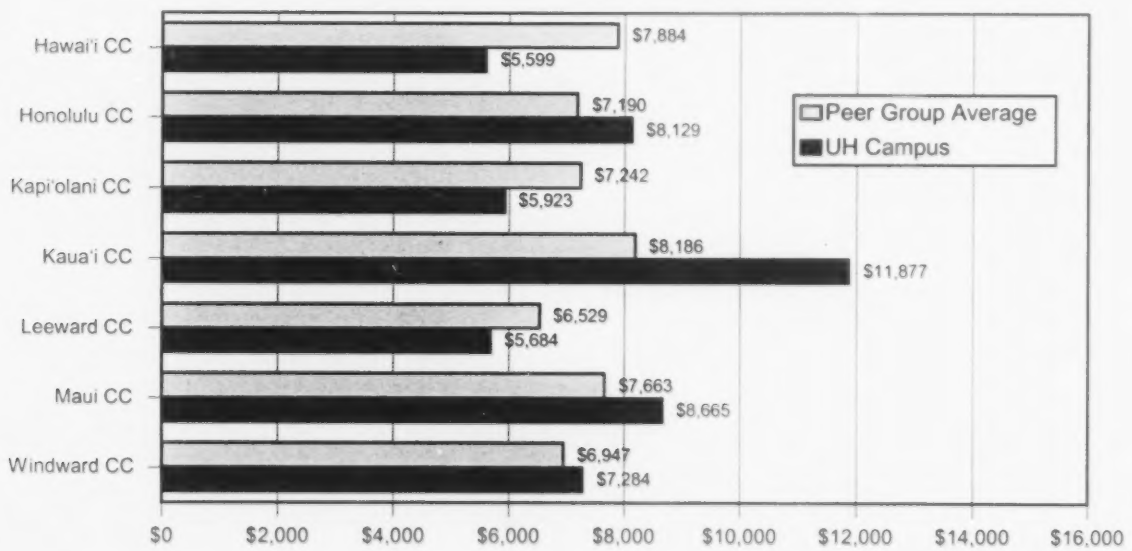

Figure 7
Total Expenditures per FTE Student
(Including Systemwide Expenditures)

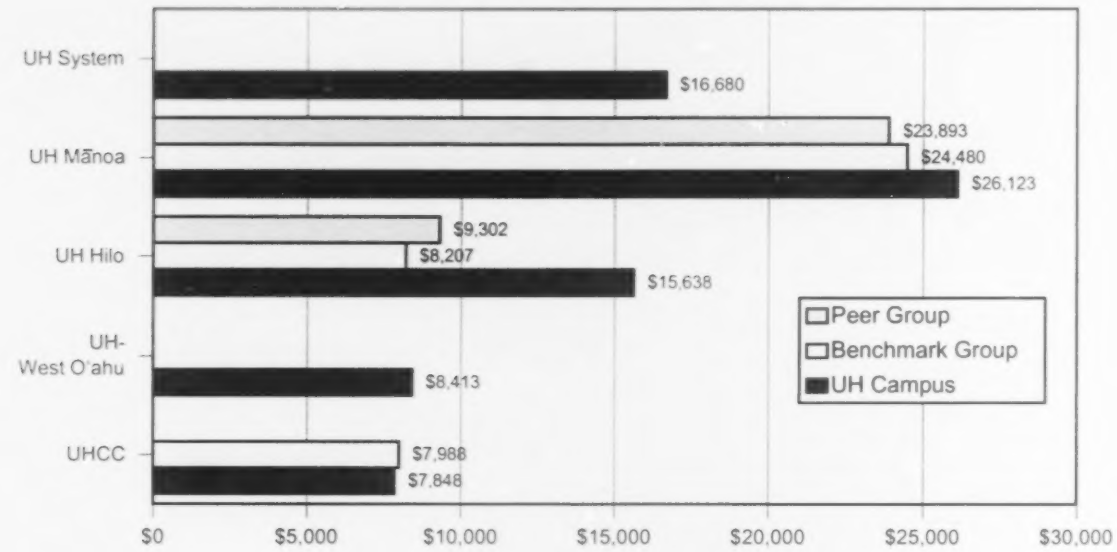

Figure 8
Total Expenditures per FTE Student
(Including Systemwide Expenditures)

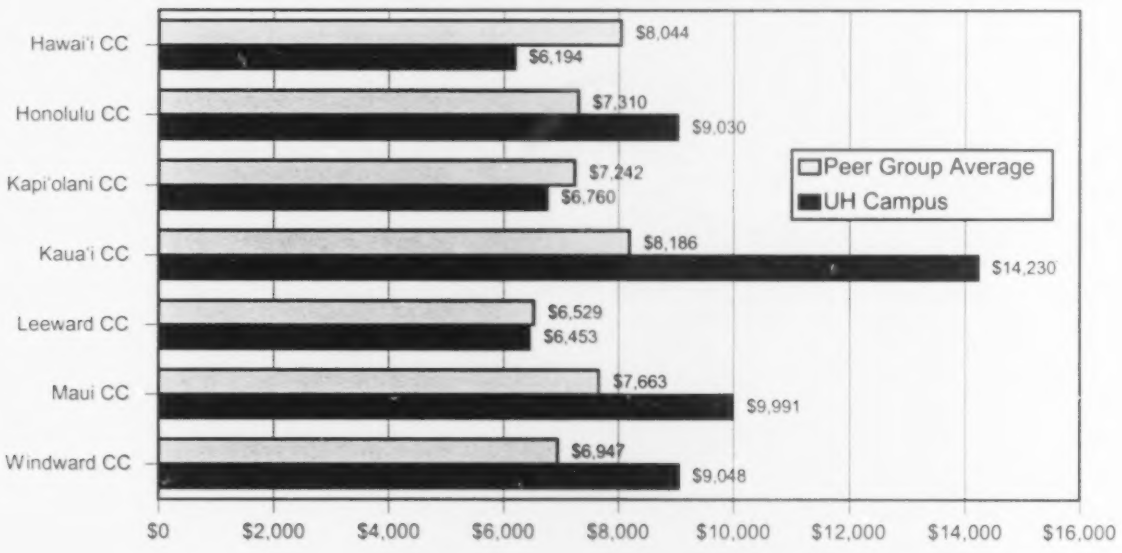

Figure 9
Total Revenues per FTE Student

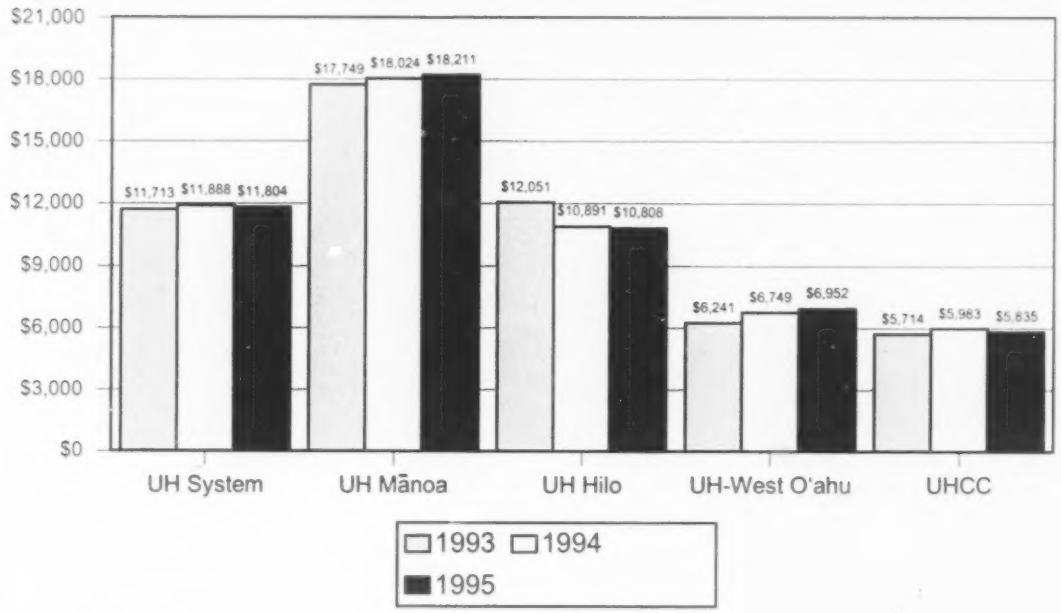

Figure 10
Total Expenditures per FTE Student

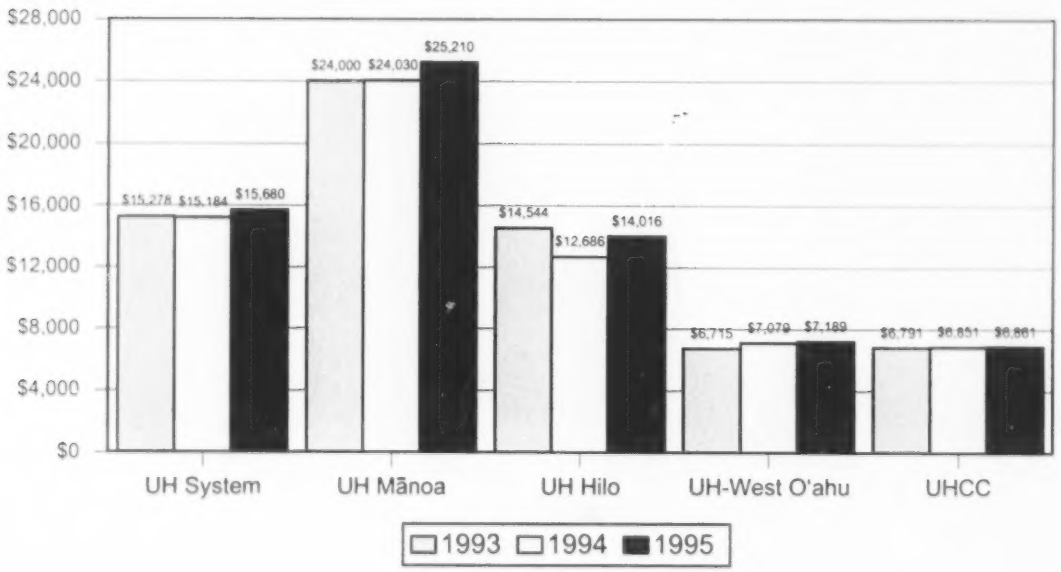

Table 1
UNIVERSITY OF HAWAI'I
REVENUES & EXPENDITURES, PER FTE STUDENT
FISCAL YEAR 1994-95

	ST	NAME	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT									
			FTE Enroll	% Grad	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruction	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
1	HI	**UNIVERSITY OF HAWAI'I**	**35,751**	**13**	**1,382**	**9,930**	**492**	**11,804**	**6,511**	**859**	**1,421**	**135**	**475**	**1,158**	**8,961**	**3,627**	**1,250**	**379**	**15,680**
2	HI	**University of Hawai'i at Manoa**	**16,225**	**27**	**1,972**	**15,205**	**1,034**	**18,211**	**9,627**	**1,012**	**2,270**	**248**	**436**	**1,670**	**11,594**	**7,953**	**1,840**	**402**	**25,210**
		Peer Group Average	19,263	23	4,529	10,194	2,195	16,918	8,251	792	2,135	706	1,502	1,682	10,751	5,440	2,608	1,483	23,893
		Benchmark Group Average	28,276	25	5,477	8,901	2,290	16,668	8,264	921	2,450	753	1,611	1,586	11,412	6,313	1,417	1,917	24,480
3	HI	**University of Hawai'i at Hilo**	**2,436**	**6**	**1,256**	**9,430**	**122**	**10,808**	**6,342**	**1,484**	**1,216**	**139**	**1,012**	**1,528**	**11,063**	**227**	**1,502**	**705**	**14,016**
		Peer Group Average	2,804	2	3,379	5,062	214	8,656	3,824	917	930	474	1,401	908	7,894	100	185	1,037	9,302
		Benchmark Group Average	3,174	3	2,830	4,176	143	7,149	3,521	694	753	354	1,093	806	6,770	69	258	1,013	8,207
4	HI	**Univ of Hawai'i-West O'ahu**	**438**	**0**	**1,018**	**5,928**	**6**	**6,952**	**4,171**	**985**	**754**	**52**	**778**	**230**	**6,910**	**26**	**0**	**245**	**7,189**
5	HI	**UH COMMUNITY COLLEGES**	**16,652**	**0**	**834**	**4,969**	**31**	**5,835**	**3,561**	**616**	**642**	**26**	**426**	**629**	**5,672**	**4**	**670**	**313**	**6,861**
		Benchmark Group Average	12,212	0	1,894	4,548	139	6,581	3,927	794	438	128	1,134	738	6,978	7	171	778	7,988
6	HI	**Hawai'i Community College**	**2,000**	**0**	**760**	**3,702**	**0**	**4,462**	**3,514**	**400**	**111**	**0**	**275**	**16**	**4,153**	**7**	**536**	**740**	**5,599**
		Peer Group Average	1,829	0	1,240	5,283	58	6,580	3,483	852	781	144	985	705	6,750	0	185	894	7,884
7	HI	**Honolulu Community College**	**2,781**	**0**	**882**	**6,143**	**21**	**7,046**	**4,192**	**694**	**742**	**17**	**379**	**718**	**6,399**	**0**	**1,088**	**316**	**8,129**
		Peer Group Average	2,804	0	1,560	4,488	108	6,156	3,026	622	1,035	134	1,054	614	6,294	1	189	648	7,190
8	HI	**Kapi'olani Community College**	**4,301**	**0**	**1,050**	**4,141**	**24**	**5,215**	**3,388**	**461**	**560**	**35**	**361**	**449**	**5,064**	**9**	**507**	**188**	**5,923**
		Peer Group Average	3,613	0	1,918	3,716	176	5,810	3,132	623	464	143	1,284	751	6,231	5	66	919	7,242
9	HI	**Kaua'i Community College**	**923**	**0**	**812**	**8,510**	**17**	**9,339**	**4,715**	**860**	**1,416**	**60**	**1,025**	**1,688**	**9,150**	**0**	**1,848**	**325**	**11,877**
		Peer Group Average	960	0	1,708	4,490	140	6,338	3,500	748	804	193	1,264	745	7,003	0	193	931	8,186
10	HI	**Leeward Community College**	**4,100**	**0**	**701**	**4,096**	**58**	**4,855**	**2,851**	**570**	**583**	**17**	**326**	**783**	**4,904**	**0**	**430**	**221**	**5,684**
		Peer Group Average	4,102	0	1,515	3,322	109	4,946	2,869	690	409	112	1,013	542	5,472	0	174	831	6,529
11	HI	**Maui Community College**	**1,553**	**0**	**781**	**6,459**	**69**	**7,309**	**4,409**	**929**	**907**	**45**	**570**	**897**	**7,508**	**5**	**674**	**274**	**8,665**
		Peer Group Average	1,446	0	1,326	4,494	30	5,850	2,891	865	670	144	1,143	808	6,317	2	195	1,090	7,663
12	HI	**Windward Community College**	**994**	**0**	**566**	**5,802**	**0**	**6,368**	**3,178**	**970**	**892**	**51**	**780**	**683**	**6,391**	**0**	**373**	**408**	**7,284**
		Peer Group Average	1,260	0	1,843	3,601	31	5,474	2,764	731	592	228	1,098	700	5,848	0	124	938	6,947
		HIGH UH	**16,225**	**27**	**1,972**	**15,205**	**1,034**	**18,211**	**9,627**	**1,484**	**2,270**	**248**	**1,025**	**1,688**	**11,594**	**7,953**	**1,848**	**740**	**25,210**
		AVERAGE Campuses	**3,575**	**3**	**980**	**6,942**	**135**	**8,057**	**4,639**	**837**	**945**	**66**	**594**	**858**	**7,314**	**823**	**880**	**382**	**9,958**
		LOW	**438**	**0**	**566**	**3,702**	**0**	**4,462**	**2,851**	**400**	**111**	**0**	**275**	**16**	**4,153**	**0**	**0**	**188**	**5,599**

1/ Tuition revenues in FY 1994-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

Note: There are no peer or benchmark groups for the UH system or UH-West O'ahu.

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Table 2
UNIVERSITY OF HAWAI'I
REVENUES & EXPENDITURES, PER FTE STUDENT
FISCAL YEAR 1994-95
Percent Distribution

	ST	NAME	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
			FTE Enroll	% Grad	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruc-tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
1	HI	**UNIVERSITY OF HAWAI'I**	**35,751**	**13**	**12**	**84**	**4**	**100%**	**42**	**5**	**9**	**1**	**3**	**7**	**57**	**23**	**8**	**2**	**100%**
2	HI	**University of Hawai'i at Manoa**	**16,225**	**27**	**11**	**83**	**6**	**100%**	**38**	**4**	**9**	**1**	**2**	**7**	**46**	**32**	**7**	**2**	**100%**
		Peer Group Average	19,263	23	28	60	12	100%	34	3	9	3	6	7	45	23	11	6	100%
		Benchmark Group Average	28,276	25	34	53	13	100%	34	4	10	3	7	7	48	25	6	8	100%
3	HI	**University of Hawai'i at Hilo**	**2,436**	**6**	**12**	**87**	**1**	**100%**	**45**	**11**	**9**	**1**	**7**	**11**	**79**	**2**	**11**	**5**	**100%**
		Peer Group Average	2,804	2	40	58	2	100%	42	10	10	5	15	10	85	1	2	12	100%
		Benchmark Group Average	3,174	3	41	57	2	100%	43	8	9	4	13	10	82	1	3	13	100%
4	HI	**Univ of Hawai'i-West O'ahu**	**438**	**0**	**15**	**85**	**0**	**100%**	**58**	**14**	**10**	**1**	**11**	**3**	**96**	**0**	**0**	**3**	**100%**
5	HI	**UH COMMUNITY COLLEGES**	**16,652**	**0**	**14**	**85**	**1**	**100%**	**52**	**9**	**9**	**0**	**6**	**9**	**83**	**0**	**10**	**5**	**100%**
		Benchmark Group Average	12,212	0	29	68	2	100%	50	10	6	2	14	9	88	0	2	10	100%
6	HI	**Hawai'i Community College**	**2,000**	**0**	**17**	**83**	**0**	**100%**	**63**	**7**	**2**	**0**	**5**	**0**	**74**	**0**	**10**	**13**	**100%**
		Peer Group Average	1,829	0	19	80	1	100%	45	11	10	2	13	9	86	0	2	11	100%
7	HI	**Honolulu Community College**	**2,781**	**0**	**13**	**87**	**0**	**100%**	**52**	**9**	**8**	**0**	**8**	**9**	**79**	**0**	**13**	**4**	**100%**
		Peer Group Average	2,804	0	26	72	2	100%	44	8	13	2	14	9	87	0	3	9	100%
8	HI	**Kapi'olani Community College**	**4,301**	**0**	**20**	**79**	**0**	**100%**	**57**	**8**	**9**	**1**	**6**	**8**	**86**	**0**	**9**	**3**	**100%**
		Peer Group Average	3,613	0	33	64	3	100%	43	9	7	2	17	10	86	0	1	13	100%
9	HI	**Kaua'i Community College**	**923**	**0**	**9**	**91**	**0**	**100%**	**40**	**7**	**12**	**1**	**9**	**14**	**77**	**0**	**10**	**3**	**100%**
		Peer Group Average	960	0	28	69	2	100%	43	9	9	2	15	9	85	0	3	12	100%
10	HI	**Leeward Community College**	**4,100**	**0**	**14**	**84**	**1**	**100%**	**50**	**10**	**10**	**0**	**6**	**12**	**86**	**0**	**8**	**4**	**100%**
		Peer Group Average	4,102	0	31	67	2	100%	44	11	6	2	15	8	84	0	3	13	100%
11	HI	**Maui Community College**	**1,553**	**0**	**11**	**88**	**1**	**100%**	**51**	**11**	**10**	**1**	**7**	**10**	**87**	**0**	**8**	**3**	**100%**
		Peer Group Average	1,446	0	24	76	1	100%	38	11	9	2	15	10	83	0	2	15	100%
12	HI	**Windward Community College**	**994**	**0**	**9**	**91**	**0**	**100%**	**44**	**13**	**12**	**1**	**11**	**9**	**88**	**0**	**5**	**6**	**100%**
		Peer Group Average	1,260	0	34	65	1	100%	40	11	9	3	16	10	84	0	2	14	100%

HIGH	**UH**	**16,225**	**27**	**20**	**91**	**6**	**100%**	**63**	**14**	**12**	**1**	**11**	**14**	**96**	**32**	**16**	**13**	**100%**
AVERAGE	**Campuses**	**3,575**	**3**	**13**	**86**	**1**	**100%**	**50**	**9**	**9**	**1**	**7**	**8**	**80**	**3**	**9**	**5**	**100%**
LOW		**438**	**0**	**9**	**79**	**0**	**100%**	**38**	**4**	**2**	**0**	**2**	**0**	**46**	**0**	**0**	**2**	**100%**

1/ Tuition revenues in FY 1994-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

Note: There are no peer or benchmark groups for the UH system or UH-West O'ahu.

Table 3

UNIVERSITY OF HAWAI'I

REVENUES & EXPENDITURES, PER FTE STUDENT

FISCAL YEAR 1994-95

Includes Systemwide Revenues and Expenditures 1/

	ST	NAME	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
			FTE Enroll	% Grad	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	Instruc-tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
1	HI	**UNIVERSITY OF HAWAI'I**	**35,751**	**13**	**1,382**	**10,791**	**496**	**12,669**	**6,511**	**867**	**1,593**	**135**	**1,291**	**1,162**	**9,961**	**3,627**	**1,250**	**379**	**16,680**
2	HI	**University of Hawai'i at Manoa**	**16,225**	**27**	**1,972**	**16,373**	**1,040**	**19,385**	**9,627**	**1,020**	**2,544**	**248**	**1,066**	**1,670**	**12,989**	**7,954**	**1,840**	**402**	**26,123**
		Peer Group Average	19,263	23	4,529	10,194	2,195	16,918	8,251	792	2,135	706	1,502	1,682	10,751	5,440	2,608	1,483	23,893
		Benchmark Group Average	28,276	25	5,477	8,901	2,290	16,668	8,264	921	2,450	753	1,611	1,586	11,412	6,313	1,417	1,917	24,480
3	HI	**University of Hawai'i at Hilo**	**2,436**	**6**	**1,256**	**10,154**	**123**	**11,533**	**6,342**	**1,496**	**1,363**	**139**	**2,475**	**1,528**	**12,685**	**227**	**1,502**	**705**	**15,638**
		Peer Group Average	2,804	2	3,379	5,062	214	8,656	3,824	917	930	474	1,401	908	7,894	100	185	1,037	9,302
		Benchmark Group Average	3,174	3	2,830	4,176	143	7,149	3,521	694	753	354	1,093	806	6,770	69	258	1,013	8,207
4	HI	**Univ of Hawai'i-West O'ahu**	**438**	**0**	**1,018**	**6,383**	**6**	**7,407**	**4,171**	**993**	**845**	**52**	**1,903**	**230**	**8,134**	**26**	**0**	**245**	**8,413**
5	HI	**UH COMMUNITY COLLEGES**	**16,652**	**0**	**834**	**5,561**	**31**	**6,426**	**3,561**	**621**	**721**	**26**	**1,321**	**637**	**6,659**	**4**	**670**	**313**	**7,848**
		Benchmark Group Average	12,212	0	1,894	4,548	139	6,581	3,927	794	438	128	1,134	738	6,978	7	171	778	7,988
6	HI	**Hawai'i Community College**	**2,000**	**0**	**760**	**4,143**	**0**	**4,903**	**3,514**	**403**	**125**	**0**	**853**	**16**	**4,748**	**7**	**536**	**740**	**6,194**
		Peer Group Average 4/	1,829	0	1,240	5,346	58	6,643	3,483	853	791	144	1,133	706	6,910	0	185	894	8,044
7	HI	**Honolulu Community College**	**2,781**	**0**	**882**	**6,875**	**21**	**7,778**	**4,192**	**700**	**833**	**17**	**1,174**	**727**	**7,300**	**0**	**1,088**	**316**	**9,030**
		Peer Group Average 4/	2,804	0	1,560	4,558	108	6,226	3,026	622	1,045	134	1,162	615	6,414	1	189	648	7,310
8	HI	**Kapi'olani Community College**	**4,301**	**0**	**1,050**	**4,634**	**24**	**5,708**	**3,388**	**465**	**629**	**35**	**1,119**	**455**	**5,901**	**9**	**507**	**188**	**6,760**
		Peer Group Average	3,613	0	1,918	3,716	176	5,810	3,132	623	464	143	1,284	751	6,231	5	66	919	7,242
9	HI	**Kaua'i Community College**	**923**	**0**	**812**	**9,524**	**17**	**10,353**	**4,715**	**867**	**1,590**	**60**	**3,176**	**1,709**	**11,503**	**0**	**1,848**	**325**	**14,230**
		Peer Group Average	960	0	1,708	4,490	140	6,338	3,500	748	804	193	1,264	745	7,003	0	193	931	8,186
10	HI	**Leeward Community College**	**4,100**	**0**	**701**	**4,584**	**58**	**5,343**	**2,851**	**575**	**655**	**17**	**1,009**	**712**	**5,673**	**0**	**430**	**221**	**6,453**
		Peer Group Average	4,102	0	1,515	3,322	109	4,946	2,869	690	409	112	1,013	542	5,472	0	174	831	6,529
11	HI	**Maui Community College**	**1,553**	**0**	**781**	**7,228**	**69**	**8,078**	**4,409**	**937**	**1,018**	**45**	**1,766**	**908**	**8,834**	**5**	**674**	**274**	**9,991**
		Peer Group Average	1,446	0	1,326	4,494	30	5,850	2,891	865	670	144	1,143	808	6,317	2	195	1,090	7,663
12	HI	**Windward Community College**	**994**	**0**	**566**	**6,493**	**0**	**7,059**	**3,178**	**978**	**1,001**	**51**	**2,418**	**692**	**8,155**	**0**	**373**	**408**	**9,048**
		Peer Group Average	1,260	0	1,843	3,601	31	5,474	2,764	731	592	228	1,098	700	5,848	0	124	938	6,947

HIGH	**UH**	**16,225**	**27**	**1,972**	**16,373**	**1,040**	**19,385**	**9,627**	**1,496**	**2,544**	**248**	**3,176**	**1,709**	**12,989**	**7,954**	**1,848**	**740**	**26,123**
AVERAGE	**Campuses**	**3,575**	**3**	**980**	**7,639**	**136**	**8,755**	**4,639**	**843**	**1,060**	**66**	**1,696**	**865**	**8,592**	**823**	**880**	**382**	**11,188**
LOW		**438**	**0**	**566**	**4,143**	**0**	**4,903**	**2,851**	**403**	**125**	**0**	**853**	**16**	**4,748**	**0**	**0**	**188**	**6,194**

1/ Comparable system costs are unavailable for peer or benchmark institutions.

2/ Tuition revenues in FY 1994-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ The peer groups for Hawai'i CC and Honolulu CC contain other UH community College campuses. Therefore, the FTE calculations shown here will differ from those in Table 1.

Note: There are no peer or benchmark groups for the UH system or UH-West O'ahu.

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Table 4

UNIVERSITY OF HAWAI'I

REVENUES & EXPENDITURES, PER FTE STUDENT

FISCAL YEAR 1994-95

Percent Distribution

Includes Systemwide Revenues and Expenditures

	ST	NAME	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
			FTE Enroll	% Grad	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruc-tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
1	HI	**UNIVERSITY OF HAWAI'I**	**35,751**	**13**	**11**	**85**	**4**	**100%**	**39**	**5**	**10**	**1**	**8**	**7**	**60**	**22**	**7**	**2**	**100%**
2	HI	**University of Hawai'i at Manoa**	**16,225**	**27**	**10**	**84**	**5**	**100%**	**37**	**4**	**10**	**1**	**4**	**6**	**50**	**30**	**7**	**2**	**100%**
		Peer Group Average	19,263	23	28	60	12	100%	34	3	9	3	6	7	45	23	11	6	100%
		Benchmark Group Average	28,276	25	34	53	13	100%	34	4	10	3	7	7	48	25	6	8	100%
3	HI	**University of Hawai'i at Hilo**	**2,436**	**6**	**11**	**88**	**1**	**100%**	**41**	**10**	**9**	**1**	**16**	**10**	**81**	**1**	**10**	**5**	**100%**
		Peer Group Average	2,804	2	40	58	2	100%	42	10	10	5	15	10	85	1	2	12	100%
		Benchmark Group Average	3,174	3	41	57	2	100%	43	8	9	4	13	10	82	1	3	13	100%
4	HI	**Univ of Hawai'i-West O'ahu**	**438**	**0**	**14**	**86**	**0**	**100%**	**50**	**12**	**10**	**1**	**23**	**3**	**97**	**0**	**0**	**3**	**100%**
5	HI	**UH COMMUNITY COLLEGES**	**16,652**	**0**	**13**	**87**	**0**	**100%**	**45**	**8**	**9**	**0**	**17**	**8**	**85**	**0**	**9**	**4**	**100%**
		Benchmark Group Average	12,212	0	29	68	2	100%	50	10	6	2	14	9	88	0	2	10	100%
6	HI	**Hawai'i Community College**	**2,000**	**0**	**16**	**84**	**0**	**100%**	**57**	**7**	**2**	**0**	**14**	**0**	**77**	**0**	**9**	**12**	**100%**
		Peer Group Average 3/	1,829	0	19	80	1	100%	44	11	10	2	14	9	86	0	2	11	100%
7	HI	**Honolulu Community College**	**2,781**	**0**	**11**	**88**	**0**	**100%**	**46**	**8**	**9**	**0**	**13**	**8**	**81**	**0**	**12**	**3**	**100%**
		Peer Group Average 3/	2,804	0	26	72	2	100%	43	8	13	2	16	8	87	0	3	9	100%
8	HI	**Kapi'olani Community College**	**4,301**	**0**	**18**	**81**	**0**	**100%**	**50**	**7**	**9**	**1**	**17**	**7**	**87**	**0**	**8**	**3**	**100%**
		Peer Group Average	3,613	0	33	64	3	100%	43	9	7	2	17	10	86	0	1	13	100%
9	HI	**Kaua'i Community College**	**923**	**0**	**8**	**92**	**0**	**100%**	**33**	**6**	**11**	**0**	**22**	**12**	**81**	**0**	**13**	**2**	**100%**
		Peer Group Average	960	0	28	69	2	100%	43	9	9	2	15	9	85	0	3	12	100%
10	HI	**Leeward Community College**	**4,100**	**0**	**13**	**86**	**1**	**100%**	**44**	**9**	**10**	**0**	**16**	**11**	**88**	**0**	**7**	**3**	**100%**
		Peer Group Average	4,102	0	31	67	2	100%	44	11	6	2	15	8	84	0	3	13	100%
11	HI	**Maui Community College**	**1,553**	**0**	**10**	**89**	**1**	**100%**	**44**	**9**	**10**	**0**	**18**	**9**	**88**	**0**	**7**	**3**	**100%**
		Peer Group Average	1,446	0	24	76	1	100%	38	11	9	2	15	10	83	0	2	15	100%
12	HI	**Windward Community College**	**994**	**0**	**8**	**92**	**0**	**100%**	**35**	**11**	**11**	**1**	**27**	**8**	**90**	**0**	**4**	**5**	**100%**
		Peer Group Average	1,260	0	34	65	1	100%	40	11	9	3	16	10	84	0	2	14	100%
		HIGH UH	**16,225**	**27**	**18**	**92**	**5**	**100%**	**57**	**12**	**11**	**1**	**27**	**12**	**97**	**30**	**13**	**12**	**100%**
		AVERAGE Campuses	**3,575**	**3**	**12**	**87**	**1**	**100%**	**44**	**8**	**9**	**1**	**17**	**7**	**82**	**3**	**8**	**4**	**100%**
		LOW	**438**	**0**	**8**	**81**	**0**	**100%**	**33**	**4**	**2**	**0**	**4**	**0**	**50**	**0**	**0**	**2**	**100%**

1/ Tuition revenues in FY 1994-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ The peer groups for Hawai'i CC and Honolulu CC contain other UH community College campuses. Therefore, the FTE calculations shown here will differ from those in Table 2.

Note: There are no peer or benchmark groups for the UH system or UH-West O'ahu.

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Table 5
UNIVERSITY OF HAWAI'I, BY UNIT
REVENUES & EXPENDITURES, PER FTE STUDENT
FISCAL YEAR 1992-93 TO 1994-95

Fiscal Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT										
	Number	% Chnge	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	% Chnge	Instruc-tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
UH SYSTEM 3/																				
1992-93	33,977		14	1,432	9,866	415	11,713		6,422	815	1,453	524	515	1,231	9,081	3,480	1,037	325	15,278	
1993-94	34,925	2 8	13	1,466	9,986	436	11,888	1 5	6,414	876	1,443	164	467	1,032	8,852	3,503	1,096	353	15,184	-0 6
1994-95	35,751	2 4	13	1,382	9,930	492	11,804	-0 7	6,511	859	1,421	135	475	1,158	8,961	3,627	1,250	379	15,680	3 3
% Change FY 93 to 95		5 2						0 8												2 6
UH MANOA																				
1992-93	15,818		33	2,054	14,844	851	17,749		9,122	970	2,285	870	448	1,824	11,956	7,436	1,542	373	24,000	
1993-94	16,104	1 8	27	2,088	15,051	886	18,024	1 5	9,262	1,033	2,289	302	398	1,441	11,191	7,563	1,655	389	24,030	0 1
1994-95	16,225	0 8	27	1,972	15,205	1,034	18,211	1 0	9,627	1,012	2,270	248	436	1,670	11,594	7,953	1,840	402	25,210	4 9
% Change FY 93 to 95		2 6						2 6												5 0
UH MANOA Peer Group																				
1992-93	19,366		27	3,795	9,115	1,819	14,730		7,348	698	1,871	614	1,325	1,524	10,552	4,775	2,604	1,216	21,361	
1993-94	19,221	-0 7	23	4,185	9,592	1,997	15,774	7 1	7,757	746	1,957	643	1,367	1,648	10,084	5,189	2,374	1,285	22,324	4 5
1994-95	19,263	0 2	23	4,529	10,194	2,195	16,918	7 3	8,251	792	2,135	706	1,502	1,682	10,751	5,440	2,608	1,483	23,893	7 0
% Change FY 93 to 95		-0 5						14 9												11 9
UH MANOA Benchmark Group																				
1992-93	28,401		27	4,624	8,491	2,160	15,275		7,732	808	2,222	679	1,349	1,497	11,524	5,715	1,231	1,578	22,131	
1993-94	28,251	-0 5	25	5,078	8,570	2,225	15,872	3 9	7,891	842	2,297	692	1,493	1,551	10,850	5,964	1,326	1,674	23,040	4 1
1994-95	28,276	0 1	25	5,477	8,901	2,290	16,668	5 0	8,264	921	2,450	753	1,611	1,586	11,412	6,313	1,417	1,917	24,480	6 3
% Change FY 93 to 95		-0 4						9 1												10 6
UH-WEST O'AHU 3/																				
1992-93	379		1	978	5,262	1	6,241		3,662	900	854	429	1,014	0	6,414	55	0	230	6,715	
1993-94	390	2 9	0	994	5,749	6	6,749	8 1	3,838	904	832	53	915	133	6,553	227	0	230	7,079	5 4
1994-95	438	12 3	0	1,018	5,928	6	6,952	3 0	4,171	985	754	52	778	230	6,910	26	0	245	7,189	1 6
% Change FY 93 to 95		15 6						11 4												7 1

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Table 5 (cont.)

Fiscal Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT										
	Number	% Chnge	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	% Chnge	Instruc-tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
UH HILO																				
1992-93	2,091		10	1,405	10,627	19	12,051		7,034	1,387	1,609	623	1,404	1,486	12,625	257	725	642	14,544	
1993-94	2,447	17.0	7	1,290	9,469	131	10,891	-9.6	6,223	1,517	1,198	131	965	1,378	11,044	163	623	619	12,686	-12.8
1994-95	2,436	-0.5	6	1,256	9,430	122	10,808	-0.8	6,342	1,484	1,216	139	1,012	1,528	11,063	227	1,502	705	14,016	10.5
% Change FY 93 to 95		16.5						-10.3												-3.6
UH HILO Peer Group																				
1992-93	2,834		4	2,984	4,290	158	7,432		3,449	765	793	380	1,250	848	7,023	110	166	973	8,354	
1993-94	2,797	-1.3	2	3,189	4,290	236	7,715	3.8	3,610	857	837	434	1,380	923	7,527	100	166	1,005	8,877	6.3
1994-95	2,804	0.3	2	3,379	5,062	214	8,656	12.2	3,824	917	930	474	1,401	908	7,894	100	185	1,037	9,302	4.8
% Change FY 93 to 95		-1.1						16.5												11.3
UH HILO Benchmark Group																				
1992-93	3,217		4	2,476	755	132	6,362		3,137	601	667	296	919	734	5,978	63	202	1,028	7,352	
1993-94	3,186	-1.0	3	2,692	3,909	141	6,742	6.0	3,315	640	772	324	1,039	800	6,425	65	239	966	7,786	5.9
1994-95	3,174	-0.4	3	2,830	4,176	143	7,149	6.0	3,521	694	753	354	1,093	806	6,770	69	258	1,013	8,207	5.4
% Change FY 93 to 95		-1.3						12.4												11.6
UH COMMUNITY COLLEGES																				
1992-93	15,689		0	820	4,856	38	5,714		3,684	580	609	165	452	630	5,775	4	595	237	6,791	
1993-94	15,984	1.9	0	878	5,064	40	5,983	4.7	3,636	619	643	32	450	590	5,748	3	631	279	6,851	0.9
1994-95	16,652	4.2	0	834	4,969	31	5,835	-2.5	3,561	616	642	26	426	629	5,672	4	670	313	6,861	0.1
% Change FY 93 to 95		6.1						2.1												1.0
UH COMMUNITY COLLEGES Benchmark Group																				
1992-93	12,873		0	1,566	4,342	122	6,030		3,673	693	404	109	954	674	6,355	5	142	681	7,227	
1993-94	12,570	-2.4	0	1,657	4,361	124	6,142	1.9	3,756	714	406	130	998	708	6,534	7	155	707	7,451	3.1
1994-95	12,212	-2.8	0	1,894	4,548	139	6,581	7.1	3,927	794	438	128	1,134	738	6,978	7	171	778	7,988	7.2
% Change FY 93 to 95		-5.1						9.1												10.5

1/ Tuition revenues for the UH campuses from FY 1992-93 to FY 1994-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations."

2/ Library is included in Academic Support.

3/ There are no peer or benchmark groups for the UH system or UH-West O'ahu.

Note: Historical information for the UH Community College campuses may be found in the "Revenues and Expenditures: Benchmark and Peer Group Comparisons" report for the UH Community Colleges, Fiscal Year 1994-95.

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Appendix 1
UNIVERSITY OF HAWAI'I
PEER & BENCHMARK GROUPS
FISCAL YEAR 1994-95

Benchmark Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	AZ	01-Resch I	University of Arizona	Tucson	1083	29,893	22
2	CA	01-Resch I	Univ of California-Berkeley	Berkeley	1312	27,757	29
3	CA	01-Resch I	Univ of California-Davis	Davis	1313	20,961	24
4	CA	01-Resch I	Univ of California-Los Angeles	Los Angeles	1315	33,578	32
5	CO	01-Resch I	Univ of Colorado at Boulder	Boulder	1370	23,297	15
6	FL	01-Resch I	University of Florida	Gainesville	1535	34,315	23
7	**HI**	**01-Resch I**	**University of Hawai'i at Manoa**	**Honolulu**	**1610**	**16,225**	**27**
8	IA	01-Resch I	University of Iowa	Iowa City	1892	23,166	29
9	IL	01-Resch I	University of Illinois Urbana	Champaign	1775	35,210	26
10	IN	01-Resch I	Indiana University Bloomington	Bloomington	1809	31,661	19
11	MD	01-Resch I	Univ of Maryland College Park	College Park	2103	27,150	21
12	MI	01-Resch I	Michigan State University	East Lansing	2290	35,015	19
13	MI	01-Resch I	Univ of Michigan, Ann Arbor	Ann Arbor	9092	34,139	34
14	MN	01-Resch I	Univ of Minnesota Minneapolis	Minneapolis	3969	32,378	27
15	MO	01-Resch I	Univ of Missouri-Columbia	Columbia	2516	19,371	21
16	NY	01-Resch I	Suny at Buffalo Main	Buffalo	2837	20,564	29
17	OR	02-Resch II	University of Oregon	Eugene	3223	15,410	20
18	WA	01-Resch I	University of Washington	Seattle	3798	29,694	27
19	WI	01-Resch I	Univ of Wisconsin-Madison	Madison	3895	35,410	29

Peer Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	AL	02-Resch II	Auburn University Main Campus	Auburn Univ	1009	19,044	13
2	CA	01-Resch I	Univ of California-Davis	Davis	1313	20,961	24
3	GA	01-Resch I	University of Georgia	Athens	1598	26,576	21
4	**HI**	**01-Resch I**	**University of Hawai'i at Manoa**	**Honolulu**	**1610**	**16,225**	**27**
5	KY	01-Resch I	University of Kentucky	Lexington	1989	20,153	22
6	MO	01-Resch I	Univ of Missouri-Columbia	Columbia	2516	19,371	21
7	NC	01-Resch I	Univ North Carolina Chapel Hill	Chapel Hill	2974	21,346	29
8	NY	01-Resch I	Suny at Stony Brook Main	Stony Brook	2838	14,793	30
9	RI	02-Resch II	University of Rhode Island	Kingston	3414	11,142	17
10	UT	01-Resch I	University of Utah	Salt Lake City	3675	20,737	21
11	VA	01-Resch I	University of Virginia Main	Charlottesville	6968	18,508	36

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Appendix 1 (cont.)

Benchmark Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	AR	05-Master I	Arkansas Tech University	Russellville	1089	4,005	2
2	AR	05-Master I	Henderson State University	Arkadelphia	1098	3,408	4
3	CO	08-Bach II	Fort Lewis College	Durango	1353	3,788	0
4	CO	08-Bach II	Western State College Colorado	Gunnison	1372	2,371	0
5	GA	05-Master I	Armstrong State College	Savannah	1546	3567	0
6	**HI**	**08-Bach II**	**University of Hawai'i at Hilo**	**Hilo**	**1611**	**2,436**	**6**
7	IN	06-Master	Indiana University at Kokomo	Kokomo	1814	1,862	6
8	LA	06-Master	Southern Univ at New Orleans	New Orleans	2026	3,613	6
9	MA	08-Bach II	North Adams State College	North Adams	2187	1,437	3
10	MI	06-Master	Lake Superior State University	Slt St Marie	2293	2,783	2
11	MO	08-Bach II	Missouri Western State College	Saint Joseph	2490	4,069	0
12	NC	05-Master I	Fayetteville State University	Fayetteville	2928	3204	12
13	NC	07-Bach I	Univ North Carolina, Asheville	Asheville	2907	2,471	1
14	ND	05-Master I	Minot State University	Minot	2994	3376	3
15	NJ	08-Bach II	Ramapo College of New Jersey	Mahwah	9344	3,335	0
16	NY	08-Bach II	Suny College Old Westbury	Old Westbury	7109	3,487	0
17	OK	05-Master I	East Central University	Ada	3154	3813	9
18	PA	08-Bach II	Lock Haven University of Penn	Lock Haven	3323	3,488	0
19	SC	05-Master I	Francis Marion College	Florence	9226	3460	4
20	SC	08-Bach II	Univ South Carolina Coast Carolina	Conway	3451	3,587	4
21	SC	08-Bach II	Univ South Carolina Spartanburg	Spartanburg	6951	2,471	2
22	VA	08-Bach II	Christopher Newport College	Newport News	3706	3,506	1
23	VA	06-Master	Longwood College	Farmville	3719	3,090	6
24	VA	06-Master	Mary Washington College	Fredericksbg	3746	3,230	1
25	WV	07-Bach I	Shepherd College	Shepherdstown	3822	2,761	0

Peer Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	CO	08-Bach II	Fort Lewis College	Durango	1353	3,788	0
2	**HI**	**08-Bach II**	**University of Hawai'i at Hilo**	**Hilo**	**1611**	**2,436**	**6**
3	MA	08-Bach II	North Adams State College	North Adams	2187	1,437	3
4	MD	07-Bach I	St Marys College of Maryland	St Marys Cy	2095	1,424	0
5	MN	08-Bach II	Southwest State University	Marshall	2375	2,085	0
6	MN	07-Bach I	Univ of Minnesota Morris	Morris	2389	1,927	0
7	NC	07-Bach I	Univ North Carolina, Asheville	Asheville	2907	2,471	1
8	NE	05-Master I	Wayne State College	Wayne	2566	3,243	7
9	NY	08-Bach II	Suny College Old Westbury	Old Westbury	7109	3,487	0
10	PA	08-Bach II	Lock Haven University of Penn	Lock Haven	3323	3,488	0
11	PA	08-Bach II	Univ of Pittsburgh Johnstown	Johnstown	3382	2,779	0
12	VA	08-Bach II	Christopher Newport College	Newport News	3706	3,506	1
13	VA	06-Master	Longwood College	Farmville	3719	3,090	6
14	VA	06-Master	Mary Washington College	Fredericksbg	3746	3,230	1
15	WA	08-Bach II	Evergreen State College	Olympia	8155	3,299	6

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Appendix 1 (cont.)

Benchmark Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	AZ	09-Assoc	Mesa Community College	Mesa	1077	11,080	0
2	CA	09-Assoc	City College of San Francisco	San Francisco	1167		
3	FL	09-Assoc	Miami-Dade Community College	Miami	1506	26,094	0
4	**HI**	**09-Assoc**	**UH COMMUNITY COLLEGES**	**State of Hawai'i**	**UHCC**	**16,652**	**0**
5	IA	09-Assoc	Kirkwood Community College	Cedar Rapids	4076	6,797	0
6	IL	09-Assoc	College of Du Page	Glen Ellyn	6656	15,993	0
7	MD	09-Assoc	Montgomery College of Rockville	Rockville	2082		
8	MO	09-Assoc	St Louis Community College	Saint Louis	2471		
9	NY	09-Assoc	Nassau Community College	Garden City	2873	14,679	0
10	OH	09-Assoc	Cuyahoga Comm College Dist	Cleveland	3040	13,444	0
11	OR	09-Assoc	Lane Community College	Eugene	3196	5,492	0
12	OR	09-Assoc	Mount Hood Community College	Gresham	3204	4,612	0
13	OR	09-Assoc	Portland Community College	Portland	3213	12,435	0
14	WI	09-Assoc	Milwaukee Technical College	Milwaukee	3866	11,489	0

Note: Revenue and expenditure data were not available for City College of San Francisco, San Francisco, CA, Montgomery College of Rockville, Rockville, MD, or St. Louis Community College, St. Louis, MO, for fiscal year 1994-95. Therefore, these institutions are not included in the benchmark group calculations.

Peer Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	CA	09-Assoc	Lassen College	Susanville	1217	1,201	0
2	**HI**	**09-Assoc**	**Hawai'i Community College**	**Hilo**	**5258**	**2,000**	**0**
3	HI	09-Assoc	Windward Community College	Kaneohe	10390	994	0
4	ID	09-Assoc	College of Southern Idaho	Twin Falls	1619	2,812	0
5	ID	09-Assoc	North Idaho College	Coeur D'Alene	1623	2,397	0
6	NC	09-Assoc	Catawba Valley Comm College	Hickory	5318	1,967	0
7	NC	09-Assoc	Lenoir Community College	Kinston	2940	1,378	0
8	NE	09-Assoc	Northeast Community College	Norfolk	11667	2,173	0
9	NM	09-Assoc	San Juan College	Farmington	2660	2,236	0
10	OR	09-Assoc	Rogue Community College	Grants Pass	10182	1,715	0
11	SC	09-Assoc	Piedmont Technical College	Greenwood	3992	1,896	0
12	SC	09-Assoc	Sumter Area Technical College	Sumter	3995	1,350	0

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Appendix 1 (cont.)

Peer Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	CA	09-Assoc	Victor Valley College	Victorville	1335		
2	DE	09-Assoc	Del Tech Cmty Col Stanton-Wil	Newark	11387	3,534	0
3	**HI**	**09-Assoc**	**Honolulu Community College**	**Honolulu**	**1612**	**2,781**	**0**
4	HI	09-Assoc	Kapi'olani Community College	Honolulu	1613	4,301	0
5	NC	09-Assoc	Coastal Carolina Comm College	Jacksonville	8084	2,316	0
6	NC	09-Assoc	Gaston College	Dallas	2973	2,604	0
7	OH	09-Assoc	Stark Technical College	Canton	10881	2,478	0
8	PA	09-Assoc	Lehigh City Community College	Schnecksville	6810	2,419	0
9	SC	09-Assoc	Tri-County Technical College	Pendleton	4926	1,978	0

Note: No data available for Victor Valley College, Victorville, CA. Therefore it is not included in the peer group calculations.

Peer Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	CT	09-Assoc	Manchester Community College	Manchester	1392	3,335	0
2	FL	09-Assoc	Pasco Hernando Comm College	Dade City	10652	3,192	0
3	**HI**	**09-Assoc**	**Kapi'olani Community College**	**Honolulu**	**1613**	**4,301**	**0**
4	KS	09-Assoc	Kansas City Community College	Kansas City	1925	3,144	0
5	MA	09-Assoc	Holyoke Community College	Holyoke	2170	3,446	0
6	NJ	09-Assoc	Raritan Valley Comm College	Somerville	7731	3,097	0
7	NY	09-Assoc	Niagara Community College	Sanborn	2874	3,941	0
8	NY	09-Assoc	Orange Cty Community College	Middletown	2876	3,471	0
9	OR	09-Assoc	Clackamas Community College	Oregon City	4878	3,553	0
10	WA	09-Assoc	Edmonds Community College	Lynnwood	5001	5,448	0
11	WA	09-Assoc	Tacoma Community College	Tacoma	3796	3,498	0

Peer Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	**HI**	**09-Assoc**	**Kaua'i Community College**	**Lihue**	**1614**	**923**	**0**
2	IA	09-Assoc	Southwestern Comm College	Creston	1857	888	0
3	IL	09-Assoc	Shawnee Community College	Ullin	7693	1,388	0
4	IN	09-Assoc	Ind Voc Tech College-Lafayett	Lafayette	10039	1,089	0
5	MI	09-Assoc	Glen Oaks Community College	Centreville	2263	685	0
6	MI	09-Assoc	Kirtland Community College	Roscommon	7171	873	0
7	NC	09-Assoc	Beaufort Community College	Washington	8558	789	0
8	NC	09-Assoc	Mitchell Community College	Statesville	2947	992	0
9	OH	09-Assoc	Kent State Univ Tuscaraws Reg	New Phila	3062	773	0
10	TX	09-Assoc	Hill College	Hillsboro	3573	1,370	0
11	VA	09-Assoc	Dabney S Lancaster Comm Col	Clifton Forge	4996	751	0

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Appendix 1 (cont.)

Peer Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	AZ	09-Assoc	Cochise College	Douglas	1072	2,579	0
2	CA	09-Assoc	Hartnell College	Salinas	1209	3,572	0
3	CA	09-Assoc	Mira Costa College	Oceanside	1239		
4	FL	09-Assoc	Gulf Coast Community College	Panama City	1490	3,414	0
5	**HI**	**09-Assoc**	**Leeward Community College**	**Pearl City**	**4549**	**4,100**	**0**
6	IL	09-Assoc	Black Hawk College Quad-City	Moline	1638	4,212	0
7	IL	09-Assoc	South Suburban College	South Holland	1769	4,563	0
8	MO	09-Assoc	Longview Community College	Lee's Summit	9140		
9	WA	09-Assoc	Columbia Basin College	Pasco	3774	3,712	0
10	WA	09-Assoc	Edmonds Community College	Lynnwood	5001	5,448	0
11	WA	09-Assoc	Green River Community College	Auburn	3780	4,803	0
12	WA	09-Assoc	Highline Community College	Des Moines	3781	4,619	0

Note: Revenue and expenditure data were not available for Mira Costa College, Oceanside, CA, or Longview Community College, Lee's Summit, MO, for fiscal year 1994-95. There, these institutions are not included in the peer group calculations.

Peer Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	CA	09-Assoc	Porterville College	Porterville	1268	1,524	0
2	FL	09-Assoc	South Florida Comm College	Avon Park	1522	1,540	0
3	**HI**	**09-Assoc**	**Maui Community College**	**Kahului**	**1615**	**1,553**	**0**
4	KS	09-Assoc	Garden City Community College	Garden City	1919	1,241	0
5	NC	09-Assoc	W Piedmont Community College	Morganton	2982	1,411	0
6	NJ	09-Assoc	Cumberland County College	Vineland	2601	1,718	0
7	NM	09-Assoc	New Mexico Junior College	Hobbs	2655	1,769	0
8	NY	09-Assoc	North Country Comm College	Saranac Lake	7111	1,040	0
9	OR	09-Assoc	Treasure Valley Comm College	Ontario	3221	987	0
10	TX	09-Assoc	Cisco Junior College	Cisco	3553	1,699	0
11	VA	09-Assoc	Germanna Community College	Locust Grove	8660	1,308	0
12	WV	09-Assoc	West Virginia North Comm College	Wheeling	9054	1,739	0
13	WY	09-Assoc	Sheridan College	Sheridan	3930	1,380	0

Peer Group

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENTS FTE Enroll	ENROLLMENTS % Grad
1	AL	09-Assoc	Lurleen B Wallace State Jr Co	Andalusia	8988	883	0
2	AZ	09-Assoc	South Mountain Comm College	Phoenix	21466	1,407	0
3	CA	09-Assoc	College of the Siskiyous	Weed	1187	1,223	0
4	GA	09-Assoc	Atlanta Metropolitan College	Atlanta	12165	1,291	0
5	GA	09-Assoc	Middle Georgia College	Cochran	1581	1,550	0
6	**HI**	**09-Assoc**	**Windward Community College**	**Kaneohe**	**10390**	**994**	**0**
7	MN	09-Assoc	Mesabi Community College	Virginia	4009	689	0
8	OH	09-Assoc	Kent State Univ Stark	North Canton	3054	1,650	0
9	SC	09-Assoc	Univ South Carolina Sumter	Sumter	12112	955	0
10	VA	09-Assoc	R Bland Col William and Mary	Petersburg	3707	885	0
11	WA	09-Assoc	Whatcom Community College	Bellingham	10364	2,062	0

Note: There are no peer or benchmark groups for the UH system or UH-West O'ahu.

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APPENDIX 2
TERMS AND DEFINITIONS

Benchmark, Peer Groups: The terms "benchmark" and "peer" are used to differentiate between the comparative groups developed internally at the University of Hawai'i and by the National Center for Higher Education Management Systems (NCHEMS). The **benchmark** group reflects input from UH campus executives in their quest to understand where each UH campus stands relative to some well-known U.S. mainland institutions. Benchmark comparison data are included in this report for UH Mānoa, UH Hilo and the UH Community College system in Tables 1 to 5. The institutions included in the **peer** groups for the individual UH Community College campuses were selected by NCHEMS Information Services via their Comparison Group Selection service. Peer groups were developed using an indicator database containing variables on institutional characteristics, faculty, finance, degrees awarded, enrollment and other pertinent data. Professional judgment was also involved in this selection process. Peer comparison data are included in this report for UH Mānoa, UH Hilo and the UH Community College campuses. Neither benchmark nor peer groups have been developed for the UH system or UH-West O'ahu.

Systemwide Revenues & Expenditures: Systemwide revenues and expenditures refer to revenues and expenditures of University of Hawai'i system offices. Comparison data which include systemwide figures are found in Tables 3 and 4. Systemwide revenues were apportioned by Level IV program according to each campus' share of the total revenues for each program. Systemwide expenditures were apportioned by Level IV program according to each campus' share of the total expenditures for each program.

Total Revenues: Total revenues are calculated by summing revenues for three items: *tuition and fees, state appropriations,* and *private gifts, contracts and endowment income.* Although tuition revenues in FY 1994-95 were returned to the State of Hawai'i general fund for all the University of Hawai'i campuses, they are included in this report under tuition and fee revenues for comparative purposes

Total Expenditures: Total expenditures are calculated by summing expenditures for *instruction, student services, academic support, institutional support, operations and maintenance, funded research, public services* and *student aid.*

The following definitions are from the publication entitled: Higher Education Revenues & Expenditures, FY 1994-95.

FTE Fall Enrollment: Full-time-equivalent (FTE) enrollment is the sum of the fall count of full-time students (those whose academic load of course work or other required activity is at least 75 percent of the institution's normal full-time load) plus one-third of the fall part-time student count. Students reported in this fall count include those taking work creditable toward an associate or bachelor's degree and those students enrolled in a vocational or technical program that is normally terminal and results in some other formal recognition below the baccalaureate degree. Students taking these types of courses

through correspondence study are included. Students *not* reported include those enrolled in non-credit adult education courses and non-credit extension courses, auditors, students studying abroad if their enrollment is only an administrative record and the fee is nominal, students in any branch campus or extension center in a foreign country, high school students taking college courses, and students known to be enrolled concurrently at another college or university reporting their enrollment.

Percent Graduate Students: Ratio of graduate enrollment to total headcount enrollment.

Tuition and Fees: All tuition and fees (including student activity fees) assessed against students for education purposes. Included here are tuition and fee remissions or exemptions even though there is no intention of collecting them from the student. (An amount equal to such remissions or exemptions should be reflected as expenditure and classified in the category Scholarships and Fellowships or preferably as staff benefits.) Tuition and fees that are remitted to the state as an offset to the state appropriation are included. If the assignment of student fees to any capital or plant account is an administrative action only, or is subject to change by the governing board, then such fees should be reported here as current funds tuition revenues. Pledged tuition revenues under bond indenture agreements should also be reported here (a mandatory transfer of these amounts to the Plant Fund can then be reported). An exception are monies from tuition and fees assessed by binding external restrictions specifically for debt service on institutional plant or for plant renewals, replacement, or expansion, which should be reported as direct additions to Plant Funds. Tuition collected from Basic Educational Opportunity Grants (BEOG) recipients should be reported here. Charges for room and board, and other services rendered by auxiliary enterprises are *not* reported here. Fees assessed for student health services that are operated as a service to the student body rather than as an auxiliary enterprise should be included.

This category reports *gross* tuition revenues including any portion paid through receipt of student aid from all sources including institutionally administered financial aid. To avoid double counting of state revenues, appropriated student financial aid administered by the institution should be reported only once as an appropriation and *not* as a component of tuition revenue. Similarly, revenues from endowment income and gifts used for student financial aid should be reported as income from these sources and not as tuition revenue.

State Appropriations: Unrestricted and restricted current funds revenues from state and local government appropriations. Appropriations include all monies received by the institution for current operating expenses including student financial aid (*not* for specific projects, programs, or organizational units) through acts of the state legislature and local governments, except grants and contracts. Appropriations for hospitals are excluded. Federal monies stipulated for higher education and only administered by the state (e.g., federal Morrill Act land grant appropriations and Bankhead-Nelson Appropriations) are excluded. Federal government funds distributed to the state for unspecified general purposes (e.g., federal revenue sharing funds) which the state then elects to appropriate

to the institution are included. Funds disbursed by a government agency to an institutional account, such as payments into a state or local government retirement system on behalf on the institution, should be included. Tuition and fees revenues collected by the institution, remitted to the state, and then returned to the institution in the form of appropriations, must be subtracted from the gross appropriations figure and separately reported as tuition. When appropriations are reverted or lapsed to the appropriating agency, only the *net* appropriations should be reported.

Private Gifts, Contracts and Endowment Income: Gifts and contracts include unrestricted and restricted current funds revenues (for student financial aid, for example) from private donors for which no legal consideration is involved, and revenues from private contracts for which specific goods and services are provided. Such income includes only those gifts, grants, and contracts that are directly related to instruction, research, public service, or other primary institutional missions (as opposed to land rental or utility services, for example). Excludes gifts and grants and contracts for hospitals. Includes monies received as a result of gifts, grants, or contracts from a foreign government, and estimated dollar amounts of contributed services. Excludes revenues derived from the sale of goods and services *incidental* to the conduct of instruction, research, or public service, even if the institution has a contract with the recipient of the goods and services. Income from funds held in revocable trusts or distributable by direction of the trustees of such trusts should be reported under this classification. Related indirect costs recovered should also be reported in this category.

Endowment income includes unrestricted and restricted current funds revenues from endowment and income from funds held in trust by others under irrevocable trusts to the extent expended for current operating purposes. Expenditure of capital gains from such funds should be treated as transfers and not included. Endowment income used for hospitals is excluded. Institutions that have adopted a spending formula by which they expend not only the yield but also a prudent portion of the appreciation of the principal, should report the amount calculated by the "total return" concept. The amount so calculated should be adjusted for protection of the endowment principal from its loss of purchasing power if that provision is part of the spending formula.

Instruction: The instruction category includes expenditures of the institution's colleges, schools, departments, and other instructional divisions for credit and non-credit general academic instruction, occupational and vocational instruction, continuing and community education, special session instruction, preparatory and adult basic education, and remedial and tutorial instruction conducted by the teaching faculty. Expenditures for departmental research and public service that are *not* separately budgeted should be included in this classification. Expenditures for academic administration where the primary function is administration (e.g., academic deans) should be reported as part of Academic Support.

Student Services: This category includes funds expended for recruitment, admissions, registrar activities, and activities whose primary purpose is to contribute to the emotional

and physical well-being of students, and to their intellectual, cultural, and social development outside the context of the formal instructional program. Examples are student activities, cultural events, student newspapers, student organizations, intramural athletics, intercollegiate athletics (if the program is operated as an integral part of the department of physical education and not as an essentially self-supporting activity), counseling and career guidance (excluding informal academic counseling by the faculty), student financial aid administration, and student health services (except where operated as a self supporting auxiliary enterprise). Student services includes the administrative allowance for Pell Grants.

Academic Support: This category includes expenditures for support services that are an integral part of the institution's primary mission of instruction, research, and public service. It includes expenditures for libraries (also reported separately), demonstration schools, museums, galleries, audio/visual services, academic computing support, ancillary support, academic administration (including academic deans, but not department chairpersons), personnel development, and course and curriculum development. Expenditures for veterinary and dental clinics are included if their primary purpose is to support the institutional program.

Libraries: Libraries, a subset of Academic Support, includes expenditures for organized activities that directly support the operation of a cataloged or otherwise classified collection of published material. The Libraries entry includes expenses for the purchase of books and all forms of collected communications.

Institutional Support: Institutional support includes expenditures for the day-to-day operational support of the entire institution, excluding expenditures for physical plant operations. Included are expenditures for general administrative services, executive direction and planning, legal and fiscal operations, administrative data processing, space management, employee personnel and records, logistical activities, public relations/development, and campus security. Allocations of institutional support should be made to auxiliary enterprises, hospitals, etc., and not reported here. Staff benefits and college work-study funds should not be reported in a lump sum in this category, but are distributed to all functions. Prorated shares of state-level coordinating board and other types of state system expenses assigned member institutions should be included in this category.

Operation and Maintenance of Plant: Included here are all expenditures for operations established to provide service and maintenance related to grounds and facilities used for educational and general purposes. This includes expenditures for utilities, custodial services, fire protection, property insurance, landscape and grounds maintenance, major repairs and renovations, and similar items. In all cases, expenditures are net amounts charged to auxiliary enterprises, hospitals, and independent operations. Campus security is not included here. This category also does not include capital expenditures made from the Plant Funds accounts.

Estimated Full Instructional Expenditures: Defined by Research Associates as the sum of direct expenditures for instruction and student services plus prorated indirect costs. The indirect instructional costs equal total academic and institutional support and operation and maintenance of plant less overhead for funded research and public services, estimated as 30 percent of the expenditures for these two functions.

Funded Research: The Research category includes all funds expended for activities specifically organized to produce research outcomes and commissioned by an agency either external to the institution or separately budgeted by an organizational unit within the institution. Subject to these conditions, it includes expenditures for individual and/or project research as well as for research institutes and centers. Excluded are discretionary (not separately budgeted) expenditures for departmental research and funds used for non-research sponsored activities such as training programs.

Public Service: Funds expended for activities that are primarily to provide non-instructional services that are beneficial to individuals and groups external to the institution. These activities include community service programs (excluding instructional activities) and cooperative extension services. Extension services are generally located off-campus in non-institutionally owned facilities. Included in this category are conferences, institutes, general advisory services, reference bureaus, radio and television, consulting, and similar non-instructional services to particular sectors of the community.

Student Aid (Scholarships and Fellowships): This category includes expenditures given in the form of outright grants (recipients are not required to perform any service as consideration) and trainee stipends, prizes, and awards to individuals enrolled in formal course work, either for credit or non-credit. Both merit (including athletic and music scholarships) and need-based awards are included. Awards given to individuals who are not enrolled in formal course work are excluded. If the institution is given custody of the funds, but is not allowed to select the recipient of the grant – for example, Federal Basic Educational Opportunity Grants program or ROTC scholarships – the funds should not be reported. When services are required in exchange for financial assistance, as in the Federal College Work-Study Program or an institution-sponsored work-study program, the charges should be classified as expenditures of the department or organizational unit to which the service is rendered and not reported here. Aid to students in the form of tuition or fees remissions should be included. (Remissions that are granted because of faculty or staff status are charged to staff benefits and not included here.) Pell Grants are reported as a federal allotment and not in this category. Note: institutional expenditures for student aid are *not* part of the costs of instruction, but rather a redistribution of income function.